

**भारतीय मानक ब्यूरो  
(केंद्रीय मुहर विभाग III)**

हमारा संदर्भ: सी एम डी - III/16 : IS 7098 (भाग 2)

10 Jan 2024

**विषय : आईएस 7098 (भाग 2) के संशोधन संख्या 1 के अनुपालन हेतु गाइडलाइन**

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

सभी क्षेत्रीय / शाखा कार्यालयों से अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(राहुल विश्वकर्मा)  
वैज्ञानिक सी (सी एम डी-III)

प्रमुख (सी एम डी- III)  
सभी क्षेत्रीय /शाखा कार्यालय

**BUREAU OF INDIAN STANDARDS  
(Central Marks Department-III)**

**Our Ref: CMD-III/16: IS 7098 (Part 2)**

10 Jan 2024

**Subject:** Revised Guidelines for implementation of Amendment No. 2 to IS 7098 (Part 2):  
2011 - Cross-linked Polyethylene Insulated Thermoplastic Sheathed Cables for working  
voltages from 3.3kV up to and including 33kV

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with  
immediate effect

(Rahul Vishwakarma)  
Scientist C (CMD-III)

Head (CMD-III)  
Circulated to: All ROs/BOs

## CENTRAL MARKS DEPARTMENT – III

**Our Ref:** CMD III/16: IS 7098 (Part 2)

10 January 2024

**Subject:** Additional Guidelines for implementation of Amendment No. 2 to IS 7098 (Part 2): 2011 ‘Cross-linked Polyethylene Insulated Thermoplastic Sheathed Cables for working voltages from 3.3kV up to and including 33kV’

1. Amendment No. 2 was notified for IS 7098 (Part 2): 2011 ‘Cross-linked Polyethylene Insulated Thermoplastic Sheathed Cables for working voltages from 3.3kV up to and including 33kV’. The last date of concurrent running of the Standard with and without Amendment No. 1 was 12<sup>th</sup> January 2023.
2. The significant changes brought through the Amendment No. 2 was circulated vide circular dated 24.06.2022. However, following changes listed in the Table below were not incorporated inadvertently:

<b>Page No.</b>	<b>Clause No.</b>	<b>Change</b>
Pg 2	Cl. 3.2 Note	<b>NOTES:</b> <ol style="list-style-type: none"><li>1. These tests are of such a nature that after they have been made, they need not be repeated unless changes are made in the cable materials or design which might change the performance characteristics.</li><li>2. When type tests have been successfully performed on a type of cable covered by this standard with a specific conductor cross sectional area and rated voltage, type approval shall be accepted as valid for cables of same type with other conductor cross-sectional areas and/or rated voltage provided the following three conditions are all satisfied:<ol style="list-style-type: none"><li>a) The same material, that is, insulation and semi-conducting screens, and manufacturing process are used.</li><li>b) The conductor cross-sectional area is not higher than that of the tested cable, with the exception that all cross-sectional areas up to and including 630 mm<sup>2</sup> are approved when the cross-sectional area of previously tested cable is in the range of 95 mm<sup>2</sup> to 630 mm<sup>2</sup>.</li><li>c) The rated voltage is not higher than that of the tested cable. Approval shall be independent of the conductor material.</li></ol></li></ol>

3. Consequent upon issuance of the amendment, the Product Manual has been revised as Product Manual Doc: **PM/ IS 7098 (Part 2)/ 4/ December 2023** and is being circulated separately through BIS website.
4. The guidelines for implementation of the Amendment is given below:

**A) LICENSEES:**

- i. Licensee, who desires to include additional variety in their scope by considering the Note 2 of Cl. 3.2 of IS 7098 9Part 2): 2011 of Amendment No. 2, have to submit the declaration accordingly with modified / additional manufacturing and testing facilities for the same.
- ii. BOs based on the declaration submitted by the licensee shall review the scope of the existing licence for considering the additional varieties requested by the licensee as per the grouping guidelines given in the Product Manual. Verification of the availability of the additional /modified manufacturing and testing facilities shall be done through a surveillance visit, which shall be completed within one months from the last date of implementation.

5. The above guidelines come into force with immediate effect.

Rahul Vishwakarma  
Scientist C

Head (CMD III)  
**DDG (Certification)**